

**CLAIMS**

What is claimed is:

1. An isolated peptide comprising a retro-inverso amino acid sequence of any  
5 peptide selected from the group consisting of SEQ ID NO:1 through SEQ ID  
NO:33.
2. A complex comprising a retro-inverso amino acid sequence of any peptide  
selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 33,  
10 and a polypeptide.
3. The complex of Claim 2, wherein said polypeptide is a D<sub>2</sub>DA receptor.
4. The complex of Claim 2, wherein said polypeptide is an NGF receptor.  
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5. The complex of Claim 2, wherein said polypeptide is a muscarinic M1  
receptor.
6. An isolated peptide comprising a retro-inverso amino acid sequence of any  
20 peptide selected from the group consisting of SEQ ID NO:34 through SEQ ID  
NO:93.
7. A complex comprising a retro-inverso amino acid sequence of any peptide  
selected from the group consisting of SEQ ID NO: 34 through SEQ ID NO:  
25 93, and a polypeptide.
8. The complex of Claim 7, wherein said polypeptide consists essentially of the  
calcitonin receptor.
- 30 9. An isolated peptide comprising SEQ ID NO:97.